AMENDMENTS

IN THE CLAIMS:

Please amend claim 1 as follows below:

1. (Currently amended) A method for forming MOSFETs, comprising: providing a substrate having a source region, a gate channel region, and a drain region, wherein the channel region resides between the source and drain regions and a gate region resides over the channel region of the substrate;

forming a silicon-germanium layer in each of the source and drain regions in the substrate, the silicon-germanium layer configured to exert a compressive stress in the channel region of the substrate;

forming, in the substrate, a source in the source region and a drain in the drain region;

forming a silicon layer outwardly from the silicon-germanium layer in each of the source and drain regions; and

forming a silicide layer in each of the source and drain regions.

2. (Original) The method of Claim 1, wherein forming the silicide layer comprises:

depositing a reactive metal outwardly from the silicon layer; and selectively removing non-reacted reactive metal from the substrate.

- 3. (Original) The method of Claim 2, wherein the reactive metal is selected from the group consisting of titanium, cobalt, nickel, and tungsten.
- 4. (Original) The method of Claim 1, wherein forming the silicide layer comprises:

depositing a reactive metal outwardly from the silicon layer in each of the source

and drain regions;

reacting the reactive metal with the silicon layer and a portion of the silicongermanium layer; and

selectively removing non-reacted reactive metal from the substrate.

- 5. (Original) The method of Claim 4, wherein the reactive metal is selected from the group consisting of titanium, cobalt, nickel, and tungsten.
 - 6. (Canceled).
 - 7. (Canceled).
- 8. (Original) The method of Claim 1, wherein the silicon layer has a thickness between approximately 25 Å and 150 Å.
- 9. (Original) The method of Claim 1, wherein the silicon layer has a thickness of approximately 75 Å.
- 10. (Original) The method of Claim 1, wherein the silicon-germanium layer has a thickness between approximately 200 Å and 300 Å.
- 11. (Original) The method of Claim 1, wherein the silicon-germanium layer is an epitaxial layer.
- 12. (Original) A method for forming MOSFETs, comprising:
 providing a substrate having a source region, a gate region, and a drain region;
 forming, in the substrate, an epitaxial silicon-germanium layer in each of the
 source and drain regions;

forming, in the substrate, a source in the source region and a drain in the drain

region;

forming a silicon layer outwardly from the silicon-germanium layer in each of the source and drain regions, the silicon layer having a thickness between approximately 25 Å and 150 Å;

depositing a reactive metal outwardly from the silicon layer in each of the source and drain regions;

reacting the reactive metal with at least a portion of the silicon layer; and selectively removing non-reacted reactive metal from the substrate to form a silicide layer in each of the source and drain regions.

- 13. (Original) The method of Claim 12, wherein the reactive metal is selected from the group consisting of titanium, cobalt, nickel, and tungsten.
- 14. (Original) The method of Claim 12, wherein reacting the reactive metal with at least a portion of the silicon layer comprises reacting the reactive metal with the whole silicon layer and a portion of the silicon-germanium layer.
- 15. (Original) The method of Claim 12, wherein the silicon layer has a thickness of approximately 75 Å.
- 16. (Original) The method of Claim 12, wherein the silicon-germanium layer has a thickness between approximately 200 Å and 300 Å.
- 17. (Withdrawn) A system for forming MOSFETs, comprising: a substrate having a source region, a gate region, and a drain region; an epitaxial silicon-germanium layer formed in each of the source and drain regions;

a source formed in the source region; a drain formed in the drain region; a silicon layer disposed outwardly from the silicon-germanium layer in each of the source and drain regions; and

a reactive metal layer formed in each of the source and drain regions.

- 18. (Withdrawn) The system of Claim 18, wherein the silicon-germanium layer in each of the source and drain regions is formed within the substrate.
- 19. (Withdrawn) The system of Claim 18, wherein the silicon-germanium layer in each of the source and drain regions is formed outwardly from the substrate.
- 20. (Withdrawn) The system of Claim 18, wherein the silicon layer has a thickness between approximately 25 Å and 150 Å.